| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|---|---------------------|---------|------------------|
| | 70 | (US-20030068864-\$ or US-20030129827-\$ or US-20040023453-\$ or US-20040069410-\$ or US-20040166240-\$).did. or (US-4868617-\$ or US-5252848-\$ or US-5286344-\$ or US-5707896-\$ or US-5612240-\$ or US-5707896-\$ or US-5753548-\$ or US-5793089-\$ or US-5808347-\$ or US-5808347-\$ or US-5808347-\$ or US-5808638-\$ or US-58086382-\$ or US-5900663-\$ or US-5942446-\$ or US-5942446-\$ or US-5949104-\$ or US-5942446-\$ or US-5949104-\$ or US-6034415-\$ or US-6048772-\$ or US-6051468-\$ or US-6074954-\$ or US-6091110-\$ or US-6100163-\$ or US-6140200-\$).did. or (US-6153905-\$ or US-6180490-\$ or US-6221727-\$ or US-6221727-\$ or US-6287931-\$ or US-6291298-\$ or US-6287931-\$ or US-6383913-\$ or US-6384407-\$ or US-6486061-\$ or US-6495903-\$ or US-6497993-\$ or US-6686627-\$ or US-6689664-\$ or US-6693011-\$ or US-6693025-\$).did. or (US-6706640-\$ or US-6743695-\$ or US-6706640-\$ or US-6743695-\$ or US-6706640-\$ or US-6743695-\$ or US-6706640-\$ or US-6743695-\$ or US-6706640-\$ or US-6743695-\$ or US-6787455-\$ or US-6794261-\$ or US-6787455-\$ or US-6784486-\$ or US-6787455-\$ or US-6794261-\$ or US-6787455-\$ or US-6794261-\$ or US-6787455-\$ or US-6794261-\$ or US-6787455-\$ or US-67828205-\$).did. | USPAT | OR | ON | 2005/05/24:17:04 |
| L2 | 14313 | oxid\$5 with (barrier near (material layer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:06 |
| L3 | 3 | 2 with ((reduced reducing minimize reduce minimizing minimized) near4 conductivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:19 |

| L4 | 14 | 2 same ((reduced reducing minimize reduce minimizing minimized) near4 conductivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:10 |
|-----|-----|--|---|----|----|------------------|
| L5 | 0 | ("6884329").URPN. | USPAT | OR | ON | 2005/05/24 17:17 |
| L6 | 7 | ("5171412" "6179973" "6184137" "6197167" "6274008" "6605197" "6709970").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/24 17:17 |
| L7 | 86 | (barrier near1 (material layer)) with ((reduced reducing minimize reduce minimizing minimized) near4 conductivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:58 |
| L8 | 55 | 7 and (interconnect\$2 trench) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:59 |
| L9 | 54 | 8 and substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:20 |
| L10 | 32 | 7 not 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:38 |
| L11 | 110 | (barrier near1 (material layer)) with ((reduced reducing minimize reduce minimizing minimized) near5 conductivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:43 |
| L12 | 55 | 11 not 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:46 |

| L13 | 55 | 11 not 12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:46 |
|-----|-------|--|---|----|---------|------------------|
| L14 | 337 | barrier with ((reduced reducing minimize reduce minimizing minimized) near4 conductivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:19 |
| L15 | · 113 | 14 and (interconnect\$2 trench) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:59 |
| L16 | 410 | barrier with ((reduced reducing minimize reduce minimizing minimized) near5 conductivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:59 |
| L17 | 154 | 16 and (interconnect\$2 trench) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:19 |
| L18 | 76 | 17 not 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:00 |
| L19 | 76 | 18 not 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:00 |
| L20 | 7 | ("5171412" "6179973" "6184137" "6197167" "6274008" "6605197" "6709970").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/24 18:15 |
| L21 | 705 | barrier with ((reduced reducing minimize reduce minimizing minimized) with conductivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON · | 2005/05/24 18:19 |

| L22 | 223 | 21 and (interconnect\$2 trench) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:19 |
|-----|-----|---------------------------------|---|----|----|------------------|
| L23 | 69 | 22 not 17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:20 |
| L24 | 48 | 23 and substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 18:20 |